



BMF BLACK MATT FACING

Product Description

Bradford Black Matt Facing (BMF) is a light duty strength, black resin bound glass fibre facing material ideally suited to non-aesthetic applications where the acoustic absorption properties of the bulk insulation must be maintained.

Product Composition

Bradford BMF consists of non-respirable synthetic glass fibres bound by a non-hazardous thermoplastic resin binder.

Applications

Bradford BMF is typically utilised in applications where the application of acoustic insulation may be partially visible and the black colour of the BMF will assist in reducing the visual prominence of the insulation. When combined with the acoustic insulating properties of Glasswool insulation material, BMF is able to maintain the sound absorptive properties of the bulk insulation but offers no additional thermal benefits.

Typical applications for BMF include the following:

- HVAC duct lining – the matt black finish is ideal for reducing the prominence of the duct lining insulation where it may be partially exposed
- Ceiling overlays – the matt black finish is ideal for ceiling overlays that simply need to be slightly darker to reduce their prominence behind perforated panels

Note: BMF is not solid black and is not recommended for aesthetic applications as the base colour of the insulation material may still be visible through the BMF in some environments. BMF is also not suitable for moist environments or applications where mechanical cleaning of the surface may occur.

Benefits

- Matt black finish – reduces the prominence of the insulation material
- Open weave maintains the sound absorption properties of the bulk insulation
- Cost effective acoustic facing material for duct lining

Bulk Insulation Base Materials

Bradford BMF is typically laminated with Bradford Supertel Glasswool bulk insulation, but can be combined with any combination of Glasswool density and thickness to suit the required application.

Acoustic Properties

Base Insulation	Thickness (mm)	Frequency Hz							NRC
		125	250	500	1000	2000	4000	5000	
Supertel	50	0.24	0.62	1.00	1.07	1.12	1.15	1.17	0.95
Supertel	75	0.35	1.00	1.00	1.00	1.00	1.00	na	1.05
Ultratel	50	0.25	0.70	1.13	1.13	1.12	1.12	1.12	1.01

Tested in accordance with AS1045:1998 or AS/ISO 354-2006 and NRC results rated in accordance with ASTM C423-90A

Physical Properties

Nominal Mass	60-65 g/m ²	Binder Content	24%
Nominal Thickness	0.65mm	Binder Type	Urea/Formaldehyde
Fibre diameter	12-13 micron	Fire Rating	AS1530.3 0,0,0,2